

JC02 Rec'd PCT/PTO

25 MAR 2005

PCT

10/517716

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 21, 2005      Signature: Thomas A. Miller  
(Thomas A. Miller)

Docket No.: 28944/40254  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Lhassane Ismaili et al.

Application No.: 10/517,716

Filed: December 10, 2004

Art Unit: Not Yet Assigned

For: METHOD FOR PREPARING 1, 35-  
TRIAMINOBENZENE AND  
HYDROLYZING IT INTO HIGH-PURITY  
PHLOROGLUCINAL

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each non-U.S. patent on the PTO/SB/08 is attached. For those not provided in the English language, either an English language abstract of a counterpart application is enclosed (i.e., for European Patent Nos. 0236785 and 0241664), or else the following concise explanations of relevance apply.

**BEST AVAILABLE COPY**

DE 102358

This patent application was filed on December 28, 1897. It describes the synthesis of phloroglucinol by hydrolysis of 1, 3, 5-triaminobenzene in water at 100°C.

FR 1,289,647

This patent application was filed on February 25, 1961. It describes a process for preparing 1, 3, 5-triaminobenzene by hydrogenating 1, 3, 5-trinitrobenzene in ethyle acetate with a catalyst based on precious metal (platinum, palladium, rhodium a 1-10% on active charcoal, in the presence of hydrogen and under a pressure of 1 to 30 kg/cm<sup>2</sup> and at a temperature of 20 to 60°C (see in particular the summary 'abrégé' on page 2).

DE 1 195 327

This patent application was filed on March 22, 1963. It describes a process for preparing a symmetrical trihydroxybenzene, in particular phloroglucinol, by hydrolysis of a triaminobenzene in hydrochloric acid in the presence of a catalyst based on copper (see claim 1).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 28944/40254. A duplicate copy of this paper is enclosed.

Dated: March 21, 2005

Respectfully submitted,

By 

Thomas A. Miller

Registration No.: 40,091

MARSHALL, GERSTEIN & BORUN LLP

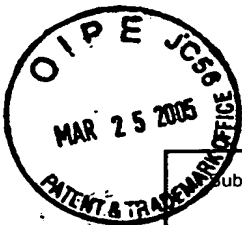
233 S. Wacker Drive, Suite 6300

Sears Tower

Chicago, Illinois 60606-6357

(312) 474-6300

Attorney for Applicant



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |   |                          |                   |
|---|---|----|---|--------------------------|-------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                   |
|   |   |    |   | Application Number       | 10/517,716        |
|   |   |    |   | Filing Date              | December 10, 2004 |
|   |   |    |   | First Named Inventor     | Lhassane Ismaili  |
|   |   |    |   | Art Unit                 | Not Yet Assigned  |
|   |   |    |   | Examiner Name            | Not Yet Assigned  |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 28944/40254       |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US-2,461,498                             | 02-08-1949                     | Krueger  |   |
|                       |                          | US-2,773,908                             | 12-11-1956                     | Cake et al.  |   |
|                       |                          | US-3,028,410                             | 04-03-1962                     | Zimmer et al.                                      |   |
|                       |                          | US-3,678,114                             | 07-18-1972                     | Miller et al.                                      |   |
|                       |                          | US-3,904,695                             | 09-09-1975                     | Hendrickx et al.                                   |   |
|                       |                          | US-3,959,388                             | 05-25-1976                     | De Heij et al.                                     |   |
|                       |                          | US-4,057,588                             | 11-08-1977                     | Zengel et al.                                      |   |
|                       |                          | US-4,071,555                             | 01-31-1978                     | Zengel et al.                                      |   |
|                       |                          | US-4,115,451                             | 09-19-1978                     | Zengel et al.                                      |   |
|                       |                          | US-4,157,450                             | 06-05-1979                     | Zengel et al.                                      |   |
|                       |                          | US-4,296,260                             | 10-20-1981                     | Zeilke et al.                                      |   |
|                       |                          | US-4,380,670                             | 04-19-1983                     | Nishiyama et al.                                   |   |
|                       |                          | US-4,751,332                             | 06-14-1988                     | Prescher et al.                                    |   |
|                       |                          | US-4,751,333                             | 06-14-1988                     | Prescher et al.                                    |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          |                          | DE-102 358  | 12-28-1897                        |  |   |                |
|                          |                          | GB-693 752  | 07-08-1953                        |  |   |                |
|                          |                          | FR-1,289,647  | 02-26-1962                        |  |   |                |
|                          |                          | DE-1,195,327  | 06-24-1965                        |  |   |                |
|                          |                          | GB-1,106,088  | 03-13-1968                        |  |   |                |
|                          |                          | EP-0 016 481  | 05-11-1983                        |  |   |                |
|                          |                          | EP-0 236 785  | 05-05-1989                        |  |   |                |
|                          |                          | EP-0 241 664  | 08-02-1989                        |  |   |                |
|                          |                          | GB-1,022,733  | 03-16-1996                        |  |   |                |
|                          |                          | WO-00/56911   | 09-28-2000                        |  |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

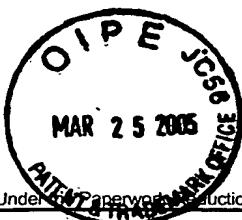
| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 |                          |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**BEST AVAILABLE COPY**

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/92 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application No.: 10/517,716


Attorney Docket No.: 28944/40254

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on March 21, 2005  
Date

  
\_\_\_\_\_  
Signature

Thomas A. Miller

\_\_\_\_\_  
Typed or printed name of person signing Certificate

40,091  
Registration Number, if applicable

(312) 474-9563  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (15 References) (1 page)  
Information Disclosure Statement

**BEST AVAILABLE COPY**